



**CALIFORNIA GREEN CODE REQUIREMENTS CONT.**

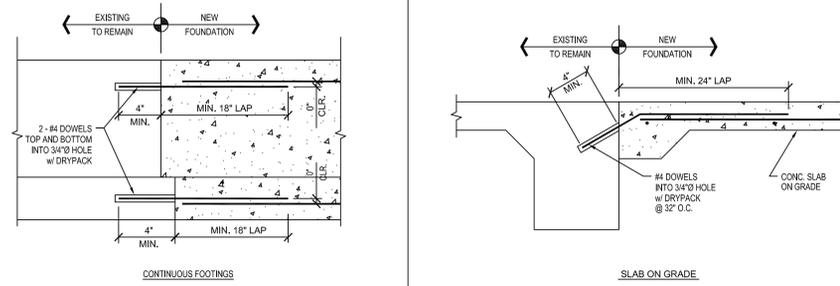
g. Composite wood products (hardwood plywood, particleboard, and MDF) installed on the interior or exterior of the building shall meet or exceed the standards outlined in Table 4.504.5. Verification of compliance with these sections must be provided at the time of inspection. (4.504.5)

**ENERGY REQUIREMENTS:**

9. The plans must show conformance with the latest State (2019) Title 24 Energy Standards. Comply with Prescriptive Standards/Component packages. California Energy Code Table 150.1-A or Title 24 Energy calculations must be submitted. Forms CF-1R and MF-1r, completed and signed by the document author and the owner/designer, are to appear on the blue-line prints (i.e., "sticky-backs"). Show all of the required insulation and other mandatory features on the plans either by notes or details. *Where calculations indicate, "HERS Verification Required," such calculations shall be "registered" calculation shall be registered and submitted to an approved agency (such as CalCERTS). The resulting "registered" calculations will include a registration number in the page footer and a watermark across the page. Calculation pages bearing these identification marks shall be permanently attached to the documents.*

10. Provide high-efficacy light source per Table 150.0-A.
1. Pin-based linear fluorescent or compact fluorescent light sources using electronic ballasts.
  2. Pulse-start metal halide light sources.
  3. High pressure sodium light sources.
  4. Luminaires with hardwired high frequency generator and induction lamp.
  5. LED light sources installed outdoors.
  6. Inseparable SSL luminaires containing colored light sources that are installed to provide decorative lighting.
11. Provide 1" minimum clearance between insulation and roof sheathing for rafter space ventilation. (R806.3)

**NEW & EXISTING FOUNDATION CONNECTION DETAIL**



**CALIFORNIA GREEN CODE REQUIREMENTS:**

**GENERAL REQUIREMENTS**

Newly constructed low-rise and high-rise residential buildings/structure AND additions or alterations to residential buildings where the addition or alteration increases the building's conditioned area, volume or size shall comply with the following requirements. (301.2)

**PLANNING AND DESIGN**

1. For future installation of electric vehicle supply equipment (EVSE) in each new single family dwelling:
  - a. Install a minimum 1-in (inside diameter) listed raceway is installed for each unit to accommodate a dedicated 208/240 volt branch circuit. The raceway shall originate at the main service or a subpanel and terminate in close proximity to the proposed location of the charging system into a listed cabinet, box or enclosure.
  - b. The panel or subpanel shall provide capacity to install a 40-ampere minimum dedicated branch circuit and space(s) reserved to permit installation of a branch circuit overcurrent protective device.
  - c. The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved for future EV charging as EV capable. The raceway termination location shall be permanent and visibly marked EV CAPABLE. (4.106.4.1)

**WATER EFFICIENCY AND CONSERVATION**

2. Comply with the following flow rates (CGBC 4.303):
  - a. Water Closets - 1.28 GPF
  - b. Single Showerhead - 1.8 GPM at 80 psi
  - c. Multiple showerheads - 1.8 GPM at 80 psi for all combined showerheads
  - d. Lavatory faucets - 1.2 GPM at 60 psi
  - e. Kitchen faucets - 1.8 GPM at 60 psi

**MATERIAL CONSERVATION & RESOURCE EFFICIENCY**

4. Annular spaces around pipes, electric cables, conduits or other openings in sole/bottom plates at exterior walls shall be protected against the passage of rodents by closing such openings with cement mortar, concrete masonry or similar methods. (CGBSC 4.406.1)

5. Provide Building Operations and Maintenance at the time of final inspection and placed in the building. (CGBSC 4.410.1)

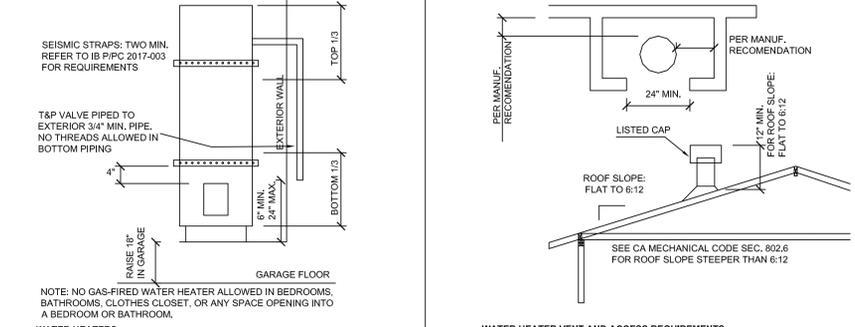
**ENVIRONMENTAL QUALITY (California Green Building Standards Code as the reference)**

6. Fireplaces shall be direct vent sealed combustion-type. Indicate on the plans the manufacturer name and model number. (4.503.1)

Wood burning devices are prohibited for properties located in the South Coast Air Quality Management District (SCAQMD) or the non-desert areas (Rule 445). NOTE: ALL wood burning devices (masonry, factory built, woodstove or pellet stove) shall comply with U.S. EPA New Source Performance Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits. (CGBSC 4.503.1). OR  
 Wood burning devices are permitted for properties located in the Mohave Desert Air Quality Management District (MDAQMD) or the desert areas. NOTE: ALL wood burning devices (masonry, factory built, woodstove or pellet stove) shall comply with U.S. EPA New Source Performance Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits. (CGBSC 4.503.1).

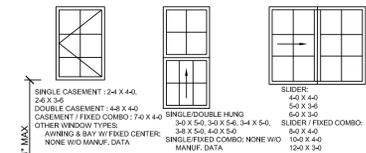
7. Comply w/ following notes:
  - a. At the time of rough installation, or during storage on the construction site and until final startup of the heating, cooling, and ventilating equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheet metal, or other acceptable methods to reduce the amount of water, dust, and debris that may enter the system. (4.504.1)
  - b. Building materials with visible signs of water damage shall not be installed. Wall and floor framing shall not be enclosed when the framing members exceed 19% moisture content. Insulation products that are visibly wet or have high moisture content shall be replaced or allowed to dry prior to enclosure in wall or floor cavities. (4.505.3)
  - c. All mechanical exhaust fans in rooms with a bathtub or shower shall comply with the following:
    - i. Fans shall be ENERGY STAR compliant and be ducted to terminate outside the building.
    - ii. Fans must be controlled by a humidity control capable of adjustment between a relative humidity range of ≤50% to a maximum of 80% unless functioning as a component of a whole house ventilation system. (4.506.1)
8. The following notes are regarding finish material pollutant control. Verification of compliance with these sections must be provided at the time of final inspection and shall be documented on the *Building Operations and Maintenance Manual*.
  - a. Adhesives, sealants and caulks shall meet or exceed the standards outlines in Section 4.504.2.1 and comply with the VOC limits in Tables 4.504.1 and 4.504.2 as applicable. (4.504.2.1)
  - b. Paints and coatings shall meet or exceed the standards outlines in Section CGBSC 4.504.2.2 and comply with the VOC limits in Table 4.504.3. (4.504.2.2)
  - c. Aerosol paints and coatings shall meet or exceed the standards outlined in Section 4.504.2.3. (4.504.2.3)
  - d. All carpet installed in the building interior shall meet the testing and product requirements of one the following:
    - i. Carpet and Rug Institute's Green Label Plus Program **OR**
    - ii. California Department of Public Health Standard Method for the testing of VOC Emissions (Spec 01350) **OR**
    - iii. NSF/ANSI 140 at the Gold Level **OR**
    - iv. Scientific Certifications Systems Indoor Advantage Gold (4.504.3)
  - e. All minimum of 80% of floor area receiving resilient flooring shall comply with one or more of the following:
    - i. VOC emissions limits defined in the CHPS High Performance Products Database **OR**
    - ii. Products compliant with CHPS criteria certified under the Greenguard Children & School program **OR**
    - iii. Certification under the RFCI FloorScore Program **OR**
    - iv. Meet the California Department of Public Health Standard Method for the Testing of VOC Emissions. (405.4.4)

**BRACED WALL DETAILS**

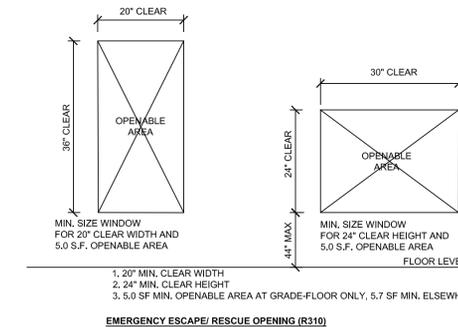


**WATER HEATER VENT AND ACCESS REQUIREMENTS**

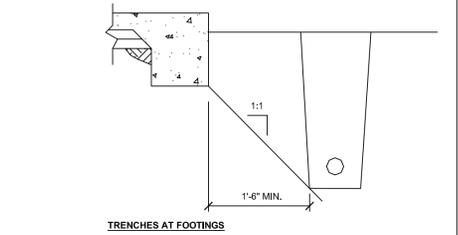
THE FOLLOWING WINDOW SIZES WILL BE THE MINIMUM ALLOWED FOR 5.0 SF



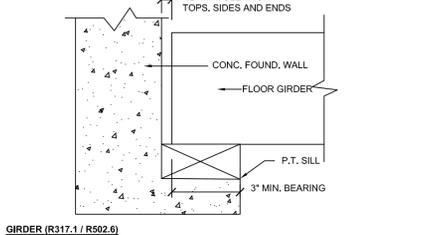
NOTE: SIZES ARE TAKEN FROM DATA SUPPLIED BY WINDOW MANUFACTURERS. HOWEVER, THESE ARE GENERAL DIMENSIONS AND MUST BE VERIFIED WITH ACTUAL WINDOWS INSTALLED TO MEET MINIMUM EGRESS REQUIREMENTS.



**EMERGENCY ESCAPE/ RESCUE OPENING (R310)**

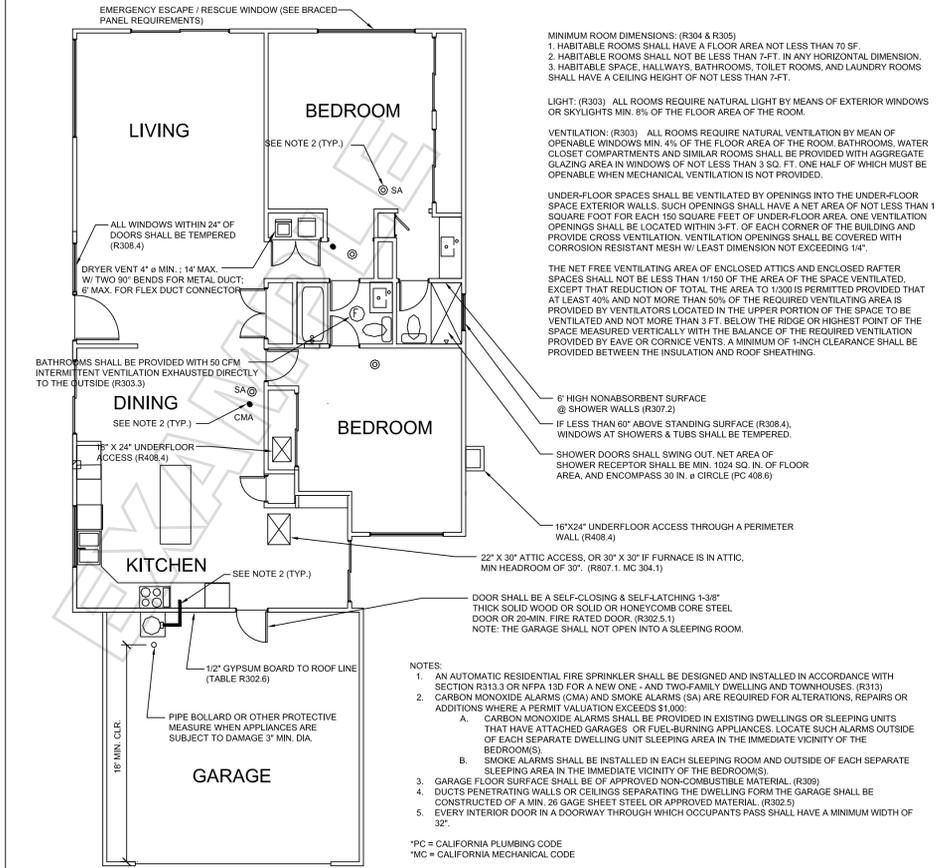


**TRENCHES AT FOOTINGS**



**GIRDER (R317.1 / R502.6)**

**EXAMPLE PLAN**



**Wood Frame Prescriptive Provisions  
One Story Residential Construction Only**

Revisions	

Scale	Drawn	Checked	Job No	Date